



AMENDMENT UNDER 37 C.F.R. §1.111
U.S. APPLN. NO. 10/522,135

DOCKET NO. Q85896

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (canceled).
2. (previously presented): The security lighting apparatus as claimed in Claim 4, wherein the alert device issues the alert by repeatedly turning the illuminator on and off.
3. (previously presented): The security lighting apparatus as claimed in Claim 4, wherein the alert device issues the alert in the form of sounds or in the form of a combination of blinking of the illuminator and sounds.
4. (previously presented): A security lighting apparatus, which comprises:
 - a human body detector for detecting a human body within a detection area;
 - an illuminator for illuminating the detection area when a human body is detected;
 - a time period setting device for setting a specific time period during which a security check must be made; and
 - an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area, wherein the time period setting device comprises:

- a sunset detecting unit for detecting sunset;
- a start time setting unit for setting a start time of the specific time period as a length of time passed subsequent to sunset;
- an end time setting unit for setting an end time of the specific time period as a length of time passed subsequent to sunset: and
- an elapsed time measuring unit for measuring a length of time passed from sunset.

5. (previously presented): A security lighting apparatus, which comprises:

- a human body detector for detecting a human body within a detection area;
- an illuminator for illuminating the detection area when a human body is detected;
- a time period setting device for setting a specific time period during which a security check must be made; and

- an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area, wherein the time period setting device comprises:

- a sunset detecting unit for detecting sunset;
- a sunrise detecting unit for detecting sunrise;
- a start time setting unit for calculating a start time of the specific time period to a midtime by calculating such midtime between sunset and sunrise;
- an end time setting unit for setting an end time of the specific time period as a length of time passed subsequent to the midtime; and

an elapsed time measuring unit for measuring a length of time passed from the midtime.

6. (previously presented): A security lighting apparatus, which comprises:

a human body detector for detecting a human body within a detection area;

an illuminator for illuminating the detection area when a human body is detected;

a time period setting device for setting a specific time period during which a security check must be made; and

an alert device operable, when the human body is detected within the detection area during the specific time period, to issue an alert to an intruder entering the detection area,

wherein the time period setting device comprises:

a sunset detecting unit for detecting sunset;

a sunrise detecting unit for detecting sunrise;

a past data accumulating unit for accumulating a predetermined number of past sunset/sunrise hours;

a start time setting unit for a start time of the specific time period to a midtime by calculating such midtime between sunset and sunrise, which is averaged from the sunset/sunrise hours contained in the past data;

an end time setting unit for setting an end time of the specific time period as a length of time passed from the midtime; and

an elapsed time measuring unit for measuring a length of time passed from the midtime.

7. (previously presented): The security lighting apparatus as claimed in Claim 4,
wherein the time period setting device comprises:

a clock for clocking;

a start time setting unit for setting a start time of the specific time period; and

an end time setting unit for setting an end time of the specific time period.

8. (canceled).

9. (previously presented): The security lighting apparatus as claimed in Claim 4,
further comprising at least a camera for taking a picture of the detection area when illuminating
light from the illuminator blinks.

10. (canceled).